

Proposed Navy Mitigation Project
USS Lincoln Oil Spill

Presented to: Washington State
Department of Ecology
Resource Damage Assessment Committee

Presented by: Naval Base, Seattle

02/09/99

SALMON CHANNEL IMPROVEMENT

NAVRADSTA (T) JIM CREEK ARLINGTON, WASHINGTON

1) Location of Project:

The proposed project is located at the naval radio transmitter facility located within the Jim Creek watershed. The site is located approximately 20 east of the town of Arlington. Jim Creek is a sub-watershed of the South Fork Stillaguamish River, which supports salmonid populations of coho, pink, chinook, and chum salmon along with steelhead.

2) Description of Project:

This composite project entails the use of hand labor to maintain two previously constructed habitat restoration projects. These projects (descriptions attached) focus on enhancing juvenile coho salmon rearing and increasing spawning gravel availability for coho adults. The maintenance efforts will entail removal of over-grown vegetation, reconstruction of rearing pool entrance structures, reconstruction of pool shelter structure, and pool development weirs.

3) Describe briefly how this project will benefit resources potentially effected by oil spills:

The beneficial effects would include the development and/or maintenance of rearing pools and depth cover for juvenile salmonids; reduction or elimination of channel excavation by mechanical means to maintain water flow; and thermal cover to maintain lower water temperatures.

4) Define the goals and measurable objective of this project. How will success be measured?

The goal of this proposed project is to provide adequate streamflow into the rearing pools, reduction of stream clogging vegetation, and functioning pool/gravel development structures. The attainment measure is properly functioning structures documented by a pre and post work review and log of accomplishment.

5) What is the estimated duration of this project?

The proposed work period is during the summer months between June and September. It is estimated that a 30 to 40 person crew would be able to accomplish this task within two (2) or three (3) days.

6) What is the estimated cost of this project?

The Ship's crew would provide labor. Hand tools would be provided from Navy assets.

7) For projects involving habitat restoration/acquisition:

a) What is the approximate acreage of the area to be restored?

Approximately 1,800 lineal feet of stream would be involved in this maintenance effort.

b) What is the current ownership of the area to be restored?

Department of Navy.

c) Please attach a map(s) showing the location where the restoration project will take place.

JIM CREEK DRAINAGE

